

Part Number	V_{RRM} (V)	I_O (A)	@T_C (°C)	V_{FM} @ (V)	I_{FM} (A)	I_{FSM} 50 Hz (A)	I_{FSM} 60 Hz (A)	$R_{\Theta JC}$ K/W	I_{RM} (µA)	Notes	Fax-on-Demand
Single Phase											
Schottky											D-70
1BQ20	20	1	45	0.65	1	30	31	60	5	*2 3 6 7*	
1BQ40	40	1	45	0.65	1	30	31	60	5	*2 3 6 7*	
Diode											D-71
DF005S	50	1	40	1	1	30	31	60	5	*2 5 6 7 15*	82788
DF01S	100	1	40	1	1	30	31	60	5	*2 5 6 7 15*	82788
DF02S	200	1	40	1	1	30	31	60	5	*2 5 6 7 15*	82788
DF04S	400	1	40	1	1	30	31	60	5	*2 5 6 7 15*	82788
DF06S	600	1	40	1	1	30	31	60	5	*2 5 6 7 15*	82788
DF08S	800	1	40	1	1	30	31	60	5	*2 5 6 7 15*	82788
DF10S	1000	1	40	1	1	30	31	60	5	*2 5 6 7 15*	82788
Diode											D-70
DF005M	50	1	40	1	1	30	31	60	5	*2 6 7 15*	82788
DF01M	100	1	40	1	1	30	31	60	5	*2 6 7 15*	82788

NOTES:

1 Available on tape-and-reel
2 For Ifsm: 100% VRRM reapplied, Tj=Tj max.=150°C
3 For Irm: Tj = 150°C
4 Available with 3mm and 5mm cropped leads. To specify, add suffix 'L3' for 3mm or 'L5' for 5mm, e.g. 1KAB10EL3.
5 VFM measured at Tj=Tj max.
6 Io at ambient temperature
7 Rth is junction-to-ambient
8 Value given for RthJC is per module
9 Vfm measured at Tj=25°C
10 RMS isolation voltage=2700V - 50Hz
11 RMS isolation voltage=4000V - 50Hz
12 For Ifsm: 100% VRRM reapplied, Tj=Tj max.
13 Additional packages available
14 Available leaded. To order, add 1 (or 2 for leaded and sleeved) to second digit of part number, e.g. 41HF10 or 42HF10
15 For Irm: Tj=25°C
16 Cathode to stud. To order anode to stud, change 'N' to 'R' in part number (i.e. 8AF4RPP, SD600R08PC)
17 Cathode to stud. To order anode to stud, append 'R' to part letters, e.g. 12FR100
18 Available with metric stud. To order, add 'M' to part number, e.g. 6F10M, SD600N08MC

International


Part Number	V_{RRM} (V)	I_O (A)	@T_C (°C)	V_{FM} @ (V)	I_{FM} (A)	I_{FSM} 50 Hz (A)	I_{FSM} 60 Hz (A)	$R_{\Theta JC}$ K/W	I_{RM} (µA)	Notes	Fax-on-Demand
Single Phase											D-70
DF02M	200	1	40	1	1	30	31	60	5	2 6 7 15	82788
DF04M	400	1	40	1	1	30	31	60	5	2 6 7 15	82788
DF06M	600	1	40	1	1	30	31	60	5	2 6 7 15	82788
DF08M	800	1	40	1	1	30	31	60	5	2 6 7 15	82788
DF10M	1000	1	40	1	1	30	31	60	5	2 6 7 15	82788
Diode *Available in Europe only*											D-71
1B005S	50	1	40	1	1	30	31	60	5	2 5 6 7 15	
1B01S	100	1	40	1	1	30	31	60	5	2 5 6 7 15	
1B02S	200	1	40	1	1	30	31	60	5	2 5 6 7 15	
1B04S	400	1	40	1	1	30	31	60	5	2 5 6 7 15	
1B06S	600	1	40	1	1	30	31	60	5	2 5 6 7 15	
1B08S	800	1	40	1	1	30	31	60	5	2 5 6 7 15	
1B10S	1000	1	40	1	1	30	31	60	5	2 5 6 7 15	
Diode *Available in Europe only*											D-70
1B005	50	1	40	1	1	30	31	60	5	2 6 7 15	

NOTES:

1 Available on tape-and-reel
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3 For Irm: Tj = 150°C
4 Available with 3mm and 5mm cropped leads. To specify, add suffix 'L3' for 3mm or 'L5' for 5mm, e.g. 1KAB10EL3.
5 VFM measured at Tj=Tj max.
6 Io at ambient temperature
7 Rth is junction-to-ambient
8 Value given for RthJC is per module
9 Vfm measured at Tj=25°C
10 RMS isolation voltage=2700V - 50Hz
11 RMS isolation voltage=4000V - 50Hz
12 For Ifsm: 100% VRRM reapplied, Tj=Tj max.
13 Additional packages available
14 Available leaded. To order, add 1 (or 2 for leaded and sleeved) to second digit of part number, e.g. 41HF10 or 42HF10
15 For Irm: Tj=25°C
16 Cathode to stud. To order anode to stud, change 'N' to 'R' in part number (i.e. 8AF4RPP, SD600R08PC)
17 Cathode to stud. To order anode to stud, append 'R' to part letters, e.g. 12FR100
18 Available with metric stud. To order, add 'M' to part number, e.g. 6F10M, SD600N08MC



Part Number	V_{RRM} (V)	I_O (A)	@T_C (°C)	V_{FM} @ (V)	I_{FM} (A)	I_{FSM} 50 Hz (A)	I_{FSM} 60 Hz (A)	$R_{\Theta JC}$ K/W	I_{RM} (µA)	Notes	Fax-on-Demand
Single Phase											D-70
1B01	100	1	40	1	1	30	31	60	5	*2 6 7 15*	
1B02	200	1	40	1	1	30	31	60	5	*2 6 7 15*	
1B04	400	1	40	1	1	30	31	60	5	*2 6 7 15*	
1B06	600	1	40	1	1	30	31	60	5	*2 6 7 15*	
1B08	800	1	40	1	1	30	31	60	5	*2 6 7 15*	
1B10	1000	1	40	1	1	30	31	60	5	*2 6 7 15*	
Diode											D-38
1KAB05E	50	1.5	45	1	1	50	52		10	*2 4 6 15*	82732
1KAB10E	100	1.5	45	1	1	50	52		10	*2 4 6 15*	82732
1KAB20E	200	1.5	45	1	1	50	52		10	*2 4 6 15*	82732
1KAB40E	400	1.5	45	1	1	50	52		10	*2 4 6 15*	82732
1KAB60E	600	1.5	45	1	1	50	52		10	*2 4 6 15*	82732
1KAB80E	800	1.5	45	1	1	50	52		10	*2 4 6 15*	82732
1KAB100E	1000	1.5	45	1	1	50	52		10	*2 4 6 15*	82732

NOTES:

1 Available on tape-and-reel
2 For Ifsm: 100% VRRM reapplied, Tj=Tj max.=150°C
3 For Irm: Tj = 150°C
4 Available with 3mm and 5mm cropped leads. To specify, add suffix 'L3' for 3mm or 'L5' for 5mm, e.g. 1KAB10EL3.
5 VFM measured at Tj=Tj max.
6 Io at ambient temperature
7 Rth is junction-to-ambient
8 Value given for RthJC is per module
9 Vfm measured at Tj=25°C
10 RMS isolation voltage=2700V - 50Hz
11 RMS isolation voltage=4000V - 50Hz
12 For Ifsm: 100% VRRM reapplied, Tj=Tj max.
13 Additional packages available
14 Available leaded. To order, add 1 (or 2 for leaded and sleeved) to second digit of part number, e.g. 41HF10 or 42HF10
15 For Irm: Tj=25°C
16 Cathode to stud. To order anode to stud, change 'N' to 'R' in part number (i.e. 8AF4RPP, SD600R08PC)
17 Cathode to stud. To order anode to stud, append 'R' to part letters, e.g. 12FR100
18 Available with metric stud. To order, add 'M' to part number, e.g. 6F10M, SD600N08MC



Part Number	V_{RRM} (V)	I_O (A)	@T_C (°C)	V_{FM} @ (V)	I_{FM} (A)	I_{FSM} 50 Hz (A)	I_{FSM} 60 Hz (A)	$R_{\Theta JC}$ K/W	I_{RM} (µA)	Notes	Fax-on-Demand

Single Phase

Diode

D-37

Part Number	V_{RRM} (V)	I_O (A)	@T_C (°C)	V_{FM} (V)	I_{FM} (A)	I_{FSM} 50 Hz (A)	I_{FSM} 60 Hz (A)	$R_{\Theta JC}$ K/W	I_{RM} (µA)	Notes	Fax-on-Demand
2KBB05	50	2	45	1	3	50	52		10	*2 3 4 6*	82733
2KBB05R	50	2	45	1	3	50	52		10	*2 3 4 6*	82733
2KBB10	100	2	45	1	3	50	52		10	*2 3 4 6*	82733
2KBB10R	100	2	45	1	3	50	52		10	*2 3 4 6*	82733
2KBB20	200	2	45	1	3	50	52		10	*2 3 4 6*	82733
2KBB20R	200	2	45	1	3	50	52		10	*2 3 4 6*	82733
2KBB40R	400	2	45	1	3	50	52		10	*2 3 4 6*	82733
2KBB40	400	2	45	1	3	50	52		10	*2 3 4 6*	82733
2KBB60R	600	2	45	1	3	50	52		10	*2 3 4 6*	82733
2KBB60	600	2	45	1	3	50	52		10	*2 3 4 6*	82733
2KBB80	800	2	45	1	3	50	52		10	*2 3 4 6*	82733
2KBB80R	800	2	45	1	3	50	52		10	*2 3 4 6*	82733
2KBB100	1000	2	45	1	3	50	52		10	*2 3 4 6*	82733
2KBB100R	1000	2	45	1	3	50	52		10	*2 3 4 6*	82733

NOTES:

1 Available on tape-and-reel
2 For Ifsm: 100% VRRM reapplied, Tj=Tj max.=150°C
3 For Irm: Tj = 150°C
4 Available with 3mm and 5mm cropped leads. To specify, add suffix 'L3' for 3mm or 'L5' for 5mm, e.g. 1KAB10EL3.
5 VFM measured at Tj=Tj max.
6 Io at ambient temperature
7 Rth is junction-to-ambient
8 Value given for RthJC is per module
9 Vfm measured at Tj=25°C
10 RMS isolation voltage=2700V - 50Hz
11 RMS isolation voltage=4000V - 50Hz
12 For Ifsm: 100% VRRM reapplied, Tj=Tj max.
13 Additional packages available
14 Available leaded. To order, add 1 (or 2 for leaded and sleeved) to second digit of part number, e.g. 41HF10 or 42HF10
15 For Irm: Tj=25°C
16 Cathode to stud. To order anode to stud, change 'N' to 'R' in part number (i.e. 8AF4RPP, SD600R08PC)
17 Cathode to stud. To order anode to stud, append 'R' to part letters, e.g. 12FR100
18 Available with metric stud. To order, add 'M' to part number, e.g. 6F10M, SD600N08MC



Part Number	V_{RRM} (V)	I_O (A)	@T_C (°C)	V_{FM} (V)	@ I_{FM} (A)	I_{FSM} 50 Hz (A)	I_{FSM} 60 Hz (A)	$R_{\Theta JC}$ K/W	I_{RM} (µA)	Notes	Fax-on-Demand
Single Phase											
Diode											**D-44**
2KBP005	50	2	50	1	2	60	63		10	2 3 4 6	82753
2KBP01	100	2	50	1	2	60	63		10	2 3 4 6	82753
2KBP02	200	2	50	1	2	60	63		10	2 3 4 6	82753
2KBP04	400	2	50	1	2	60	63		10	2 3 4 6	82753
2KBP06	600	2	50	1	2	60	63		10	2 3 4 6	82753
2KBP08	800	2	50	1	2	60	63		10	2 3 4 6	82753
2KBP10	1000	2	50	1	2	60	63		10	2 3 4 6	82753
Diode											**D-46**
KBPC1005	50	3	50	1	1.5	50	55		10	2	82754
KBPC101	100	3	50	1	1.5	50	55		10	2	82754
KBPC102	200	3	50	1	1.5	50	55		10	2	82754
KBPC104	400	3	50	1	1.5	50	55		10	2	82754
KBPC106	600	3	50	1	1.5	50	55		10	2	82754
KBPC108	800	3	50	1	1.5	50	55		10	2	82754

NOTES:

1 Available on tape-and-reel
2 For Ifsm: 100% VRRM reapplied, Tj=Tj max.=150°C
3 For Irm: Tj = 150°C
4 Available with 3mm and 5mm cropped leads. To specify, add suffix 'L3' for 3mm or 'L5' for 5mm, e.g. 1KAB10EL3.
5 VFM measured at Tj=Tj max.
6 Io at ambient temperature
7 Rth is junction-to-ambient
8 Value given for RthJC is per module
9 Vfm measured at Tj=25°C
10 RMS isolation voltage=2700V - 50Hz
11 RMS isolation voltage=4000V - 50Hz
12 For Ifsm: 100% VRRM reapplied, Tj=Tj max.
13 Additional packages available
14 Available leaded. To order, add 1 (or 2 for leaded and sleeved) to second digit of part number, e.g. 41HF10 or 42HF10
15 For Irm: Tj=25°C
16 Cathode to stud. To order anode to stud, change 'N' to 'R' in part number (i.e. 8AF4RPP, SD600R08PC)
17 Cathode to stud. To order anode to stud, append 'R' to part letters, e.g. 12FR100
18 Available with metric stud. To order, add 'M' to part number, e.g. 6F10M, SD600N08MC

International


Rectifier

Part Number	V_{RRM} (V)	I_O (A)	@T_C (°C)	V_{FM} (V)	@ I_{FM} (A)	I_{FSM} 50 Hz (A)	I_{FSM} 60 Hz (A)	$R_{\Theta JC}$ K/W	I_{RM} (μA)	Notes	Fax-on-Demand
Single Phase											D-46
KBPC110	1000	3	50	1	1.5	50	55		10	*2*	82754
Diode											D-72
KBPC6005	50	6	50	1	3	100	109		10	*2 3*	82754
KBPC601	100	6	50	1	3	100	109		10	*2 3*	82754
KBPC602	200	6	50	1	3	100	109		10	*2 3*	82754
KBPC604	400	6	50	1	3	100	109		10	*2 3*	82754
KBPC606	600	6	50	1	3	100	109		10	*2 3*	82754
KBPC608	800	6	50	1	3	100	109		10	*2 3*	82754
KBPC610	1000	6	50	1	3	100	109		10	*2 3*	82754
KBPC8005	50	8	50	1	3	125	137		400	*2 3*	82789
KBPC801	100	8	50	1	3	125	137		400	*2 3*	82789
KBPC802	200	8	50	1	3	125	137		400	*2 3*	82789
KBPC804	400	8	50	1	3	125	137		400	*2 3*	82789
KBPC806	600	8	50	1	3	125	137		400	*2 3*	82789
KBPC808	800	8	50	1	3	125	137		400	*2 3*	82789
KBPC810	1000	8	50	1	3	125	137		400	*2 3*	82789

NOTES:

1 Available on tape-and-reel

2 For Ifsm: 100% VRRM reapplied, Tj=Tj max.=150°C

3 For Irm: Tj = 150°C

4 Available with 3mm and 5mm cropped leads. To specify, add suffix 'L3' for 3mm or 'L5' for 5mm, e.g. 1KAB10EL3.

5 VFM measured at Tj=Tj max.

6 Io at ambient temperature

7 Rth is junction-to-ambient

8 Value given for RthJC is per module

9 Vfm measured at Tj=25°C

10 RMS isolation voltage=2700V - 50Hz

11 RMS isolation voltage=4000V - 50Hz

12 For Ifsm: 100% VRRM reapplied, Tj=Tj max.

13 Additional packages available

14 Available leaded. To order, add 1 (or 2 for leaded and sleeved) to second digit of part number, e.g. 41HF10 or 42HF10

15 For Irm: Tj=25°C

16 Cathode to stud. To order anode to stud, change 'N' to 'R' in part number (i.e. 8AF4RPP, SD600R08PC)

17 Cathode to stud. To order anode to stud, append 'R' to part letters, e.g. 12FR100

18 Available with metric stud. To order, add 'M' to part number, e.g. 6F10M, SD600N08MC



Part Number		V_{RRM} (V)	I_O (A)	@T_C (°C)	V_{FM} @ (V)	I_{FM} (A)	I_{FSM} 50 Hz (A)	I_{FSM} 60 Hz (A)	$R_{\Theta JC}$ (DC) K/W	Notes				Fax-on-Demand
Single Phase														
Diode														D-34A
	Part Number- Europe													
100JB05L		50	10	65	1.3	16	125	130	3.5	2	8	9	10	80715
100JB1L		100	10	65	1.3	16	125	130	3.5	2	8	9	10	80715
100JB2L		200	10	65	1.3	16	125	130	3.5	2	8	9	10	80715
100JB4L		400	10	65	1.3	16	125	130	3.5	2	8	9	10	80715
100JB6L		600	10	65	1.3	16	125	130	3.5	2	8	9	10	80715
100JB8L		800	10	65	1.3	16	125	130	3.5	2	8	9	10	80715
100JB10L		1000	10	65	1.3	16	125	130	3.5	2	8	9	10	80715
100JB12L		1200	10	65	1.3	16	125	130	3.5	2	8	9	10	80715
100JB14L		1400	10	65	1.3	16	125	130	3.5	2	8	9	10	80715
100JB16L		1600	10	65	1.3	16	125	130	3.5	2	8	9	10	80715
250JB05L	26MB05A	50	25	65	1.1	40	335	350	1.7	2	8	9	10	80715
250JB1L	26MB10A	100	25	65	1.1	40	335	350	1.7	2	8	9	10	80715
250JB2L	26MB20A	200	25	65	1.1	40	335	350	1.7	2	8	9	10	80715
250JB4L	26MB40A	400	25	65	1.1	40	335	350	1.7	2	8	9	10	80715
250JB6L	26MB60A	600	25	65	1.1	40	335	350	1.7	2	8	9	10	80715

NOTES:

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5 VFM measured at Tj=Tj max.
6 Io at ambient temperature
7 Rth is junction-to-ambient
8 Value given for RthJC is per module
9 Vfm measured at Tj=25°C
10 RMS isolation voltage=2700V - 50Hz
11 RMS isolation voltage=4000V - 50Hz
12 For Ifsm: 100% VRRM reapplied, Tj=Tj max.
13 Additional packages available
14 Available leaded. To order, add 1 (or 2 for leaded and sleeved) to second digit of part number, e.g. 41HF10 or 42HF10
15 For Irm: Tj=25°C
16 Cathode to stud. To order anode to stud, change 'N' to 'R' in part number (i.e. 8AF4RPP, SD600R08PC)
17 Cathode to stud. To order anode to stud, append 'R' to part letters, e.g. 12FR100
18 Available with metric stud. To order, add 'M' to part number, e.g. 6F10M, SD600N08MC



Part Number		VRRM (V)	Io (A)	@Tc (°C)	VFM (V)	@ IFM (A)	IFSM 50 Hz (A)	IFSM 60 Hz (A)	RΘJC (DC) K/W	Notes				Fax-on-Demand
Single Phase														**D-34A**
250JB8L	26MB80A	800	25	65	1.1	40	335	350	1.7	2	8	9	10	80715
250JB10L	26MB100A	1000	25	65	1.1	40	335	350	1.7	2	8	9	10	80715
250JB12L	26MB120A	1200	25	65	1.1	40	335	350	1.7	2	8	9	10	80715
250JB14L	26MB140A	1400	25	65	1.1	40	335	350	1.7	2	8	9	10	80715
250JB16L	26MB160A	1600	25	65	1.1	40	335	350	1.7	2	8	9	10	80715
35MB05A	36MB05A	50	35	60	1.2	55	400	420	1.2	2	8	9	10	80715
35MB10A	36MB10A	100	35	60	1.2	55	400	420	1.2	2	8	9	10	80715
35MB20A	36MB20A	200	35	60	1.2	55	400	420	1.2	2	8	9	10	80715
35MB40A	36MB40A	400	35	60	1.2	55	400	420	1.2	2	8	9	10	80715
35MB60A	36MB60A	600	35	60	1.2	55	400	420	1.2	2	8	9	10	80715
35MB80A	36MB80A	800	35	60	1.2	55	400	420	1.2	2	8	9	10	80715
35MB100A	36MB100A	1000	35	60	1.2	55	400	420	1.2	2	8	9	10	80715
35MB120A	36MB120A	1200	35	60	1.2	55	400	420	1.2	2	8	9	10	80715
35MB140A	36MB140A	1400	35	60	1.2	55	400	420	1.2	2	8	9	10	80715
35MB160A	36MB160A	1600	35	60	1.2	55	400	420	1.2	2	8	9	10	80715

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5 VFM measured at Tj=Tj max.
6 Io at ambient temperature
7 Rth is junction-to-ambient
8 Value given for RthJC is per module
9 Vfm measured at Tj=25°C
10 RMS isolation voltage=2700V - 50Hz
11 RMS isolation voltage=4000V - 50Hz
12 For Ifsm: 100% VRRM reapplied, Tj=Tj max.
13 Additional packages available
14 Available leaded. To order, add 1 (or 2 for leaded and sleeved) to second digit of part number, e.g. 41HF10 or 42HF10
15 For Irm: Tj=25°C
16 Cathode to stud. To order anode to stud, change 'N' to 'R' in part number (i.e. 8AF4RPP, SD600R08PC)
17 Cathode to stud. To order anode to stud, append 'R' to part letters, e.g. 12FR100
18 Available with metric stud. To order, add 'M' to part number, e.g. 6F10M, SD600N08MC



Three-Phase

Diode

Part Number	V_{RRM} (V)	I_O (A)	@T_C (°C)	V_{FM} (V)	@ I_{FM} (A)	I_{FSM} 50 Hz (A)	I_{FSM} 60 Hz (A)	$R_{\Theta JC}$ (DC) K/W	Notes	Fax-on-Demand
26MT5	50	25	70	1.26	40	300	314	1.42	*2 8 10*	80771
26MT10	100	25	70	1.26	40	300	314	1.42	*2 8 10*	80771
26MT20	200	25	70	1.26	40	300	314	1.42	*2 8 10*	80771
26MT40	400	25	70	1.26	40	300	314	1.42	*2 8 10*	80771
26MT60	600	25	70	1.26	40	300	314	1.42	*2 8 10*	80771
26MT80	800	25	70	1.26	40	300	314	1.42	*2 8 10*	80771
26MT100	1000	25	70	1.26	40	300	314	1.42	*2 8 10*	80771
26MT120	1200	25	70	1.26	40	300	314	1.42	*2 8 10*	80771
26MT140	1400	25	70	1.26	40	300	314	1.42	*2 8 10*	80771
26MT160	1600	25	70	1.26	40	300	314	1.42	*2 8 10*	80771
36MT5	50	35	60	1.19	40	400	420	1.16	*2 8 10*	80771
36MT10	100	35	60	1.19	40	400	420	1.16	*2 8 10*	80771
36MT20	200	35	60	1.19	40	400	420	1.16	*2 8 10*	80771
36MT40	400	35	60	1.19	40	400	420	1.16	*2 8 10*	80771
36MT60	600	35	60	1.19	40	400	420	1.16	*2 8 10*	80771

NOTES:

1 Available on tape-and-reel
2 For Ifsm: 100% VRRM reapplied, Tj=Tj max.=150°C
3 For Irm: Tj = 150°C
4 Available with 3mm and 5mm cropped leads. To specify, add suffix 'L3' for 3mm or 'L5' for 5mm, e.g. 1KAB10EL3.
5 VFM measured at Tj=Tj max.
6 Io at ambient temperature
7 Rth is junction-to-ambient
8 Value given for RthJC is per module
9 Vfm measured at Tj=25°C
10 RMS isolation voltage=2700V - 50Hz
11 RMS isolation voltage=4000V - 50Hz
12 For Ifsm: 100% VRRM reapplied, Tj=Tj max.
13 Additional packages available
14 Available leaded. To order, add 1 (or 2 for leaded and sleeved) to second digit of part number, e.g. 41HF10 or 42HF10
15 For Irm: Tj=25°C
16 Cathode to stud. To order anode to stud, change 'N' to 'R' in part number (i.e. 8AF4RPP, SD600R08PC)
17 Cathode to stud. To order anode to stud, append 'R' to part letters, e.g. 12FR100
18 Available with metric stud. To order, add 'M' to part number, e.g. 6F10M, SD600N08MC



Part Number	V_{RRM} (V)	I_O (A)	@T_C (°C)	V_{FM} @ (V)	I_{FM} (A)	I_{FSM} 50 Hz (A)	I_{FSM} 60 Hz (A)	$R_{\Theta JC}$ (DC) K/W	Notes			Fax-on-Demand
Three-Phase												**D-63**
36MT80	800	35	60	1.19	40	400	420	1.16	*2*	*8*	*10*	80771
36MT100	1000	35	60	1.19	40	400	420	1.16	*2*	*8*	*10*	80771
36MT120	1200	35	60	1.19	40	400	420	1.16	*2*	*8*	*10*	80771
36MT140	1400	35	60	1.19	40	400	420	1.16	*2*	*8*	*10*	80771
36MT160	1600	35	60	1.19	40	400	420	1.16	*2*	*8*	*10*	80771
Diode												**INT-A-Pak (B13)**
60MT80K	800	60	85	1.75	100	350	370	0.37	*2*	*8*	*11*	87109
60MT100K	1000	60	85	1.75	100	350	370	0.37	*2*	*8*	*11*	87109
60MT120K	1200	60	85	1.75	100	350	370	0.37	*2*	*8*	*11*	87109
60MT140K	1400	60	85	1.75	100	350	370	0.37	*2*	*8*	*11*	87109
60MT160K	1600	60	85	1.75	100	350	370	0.37	*2*	*8*	*11*	87109
70MT80K	800	70	85	1.55	100	400	420	0.292	*2*	*8*	*11*	87109
70MT100K	1000	70	85	1.55	100	400	420	0.292	*2*	*8*	*11*	87109
70MT120K	1200	70	85	1.55	100	400	420	0.292	*2*	*8*	*11*	87109
70MT140K	1400	70	85	1.55	100	400	420	0.292	*2*	*8*	*11*	87109
70MT160K	1600	70	85	1.55	100	400	420	0.292	*2*	*8*	*11*	87109

NOTES:

1 Available on tape-and-reel
2 For Ifsm: 100% VRRM reapplied, Tj=Tj max.=150°C
3 For Irm: Tj = 150°C
4 Available with 3mm and 5mm cropped leads. To specify, add suffix 'L3' for 3mm or 'L5' for 5mm, e.g. 1KAB10EL3.
5 VFM measured at Tj=Tj max.
6 Io at ambient temperature
7 Rth is junction-to-ambient
8 Value given for RthJC is per module
9 Vfm measured at Tj=25°C
10 RMS isolation voltage=2700V - 50Hz
11 RMS isolation voltage=4000V - 50Hz
12 For Ifsm: 100% VRRM reapplied, Tj=Tj max.
13 Additional packages available
14 Available leaded. To order, add 1 (or 2 for leaded and sleeved) to second digit of part number, e.g. 41HF10 or 42HF10
15 For Irm: Tj=25°C
16 Cathode to stud. To order anode to stud, change 'N' to 'R' in part number (i.e. 8AF4RPP, SD600R08PC)
17 Cathode to stud. To order anode to stud, append 'R' to part letters, e.g. 12FR100
18 Available with metric stud. To order, add 'M' to part number, e.g. 6F10M, SD600N08MC

Bridges



Part Number	V_{RRM} (V)	I_O (A)	@T_C (°C)	V_{FM} (V)	@ I_{FM} (A)	I_{FSM} 50 Hz (A)	I_{FSM} 60 Hz (A)	$R_{\Theta JC}$ (DC) K/W	Notes	Fax-on-Demand
Three-Phase										**INT-A-Pak (B13)**
90MT80K	800	90	90	1.6	150	650	680	0.21	*2 8 11*	87110
90MT100K	1000	90	90	1.6	150	650	680	0.21	*2 8 11*	87110
90MT120K	1200	90	90	1.6	150	650	680	0.21	*2 8 11*	87110
90MT140K	1400	90	90	1.6	150	650	680	0.21	*2 8 11*	87110
90MT160K	1600	90	90	1.6	150	650	680	0.21	*2 8 11*	87110
110MT80K	800	110	90	1.4	150	800	840	0.178	*2 8 11*	87110
110MT100K	1000	110	90	1.4	150	800	840	0.178	*2 8 11*	87110
110MT120K	1200	110	90	1.4	150	800	840	0.178	*2 8 11*	87110
110MT140K	1400	110	90	1.4	150	800	840	0.178	*2 8 11*	87110
110MT160K	1600	110	90	1.4	150	800	840	0.178	*2 8 11*	87110
130MT80K	800	130	85	1.63	200	950	1000	0.155	*2 8 11*	87111
130MT100K	1000	130	85	1.63	200	950	1000	0.155	*2 8 11*	87111
130MT120K	1200	130	85	1.63	200	950	1000	0.155	*2 8 11*	87111
130MT140K	1400	130	85	1.63	200	950	1000	0.155	*2 8 11*	87111
130MT160K	1600	130	85	1.63	200	950	1000	0.155	*2 8 11*	87111
160MT80K	800	160	85	1.49	200	1200	1260	0.121	*2 8 11*	87111
160MT100K	1000	160	85	1.49	200	1200	1260	0.121	*2 8 11*	87111

NOTES:

1 Available on tape-and-reel
2 For Ifsm: 100% VRRM reapplied, Tj=Tj max.=150°C
3 For Irm: Tj = 150°C
4 Available with 3mm and 5mm cropped leads. To specify, add suffix 'L3' for 3mm or 'L5' for 5mm, e.g. 1KAB10EL3.
5 VFM measured at Tj=Tj max.
6 Io at ambient temperature
7 Rth is junction-to-ambient
8 Value given for RthJC is per module
9 Vfm measured at Tj=25°C
10 RMS isolation voltage=2700V - 50Hz
11 RMS isolation voltage=4000V - 50Hz
12 For Ifsm: 100% VRRM reapplied, Tj=Tj max.
13 Additional packages available
14 Available leaded. To order, add 1 (or 2 for leaded and sleeved) to second digit of part number, e.g. 41HF10 or 42HF10
15 For Irm: Tj=25°C
16 Cathode to stud. To order anode to stud, change 'N' to 'R' in part number (i.e. 8AF4RPP, SD600R08PC)
17 Cathode to stud. To order anode to stud, append 'R' to part letters, e.g. 12FR100
18 Available with metric stud. To order, add 'M' to part number, e.g. 6F10M, SD600N08MC



Part Number	V_{RRM} (V)	I_O (A)	@T_C (°C)	V_{FM} @ (V)	I_{FM} (A)	I_{FSM} 50 Hz (A)	I_{FSM} 60 Hz (A)	$R_{\Theta JC}$ (DC) K/W	Notes	Fax-on-Demand
Three-Phase										**INT-A-Pak (B13)**
160MT120K	1200	160	85	1.49	200	1200	1260	0.121	*2 8 11*	87111
160MT140K	1400	160	85	1.49	200	1200	1260	0.121	*2 8 11*	87111
160MT160K	1600	160	85	1.49	200	1200	1260	0.121	*2 8 11*	87111

NOTES:

1 Available on tape-and-reel

2 For Ifsm: 100% VRRM reapplied, Tj=Tj max.=150°C

3 For Irm: Tj = 150°C

4 Available with 3mm and 5mm cropped leads. To specify, add suffix 'L3' for 3mm or 'L5' for 5mm, e.g. 1KAB10EL3.

5 VFM measured at Tj=Tj max.

6 Io at ambient temperature

7 Rth is junction-to-ambient

8 Value given for RthJC is per module

9 Vfm measured at Tj=25°C

10 RMS isolation voltage=2700V - 50Hz

11 RMS isolation voltage=4000V - 50Hz

12 For Ifsm: 100% VRRM reapplied, Tj=Tj max.

13 Additional packages available

14 Available leaded. To order, add 1 (or 2 for leaded and sleeved) to second digit of part number, e.g. 41HF10 or 42HF10

15 For Irm: Tj=25°C

16 Cathode to stud. To order anode to stud, change 'N' to 'R' in part number (i.e. 8AF4RPP, SD600R08PC)

17 Cathode to stud. To order anode to stud, append 'R' to part letters, e.g. 12FR100

18 Available with metric stud. To order, add 'M' to part number, e.g. 6F10M, SD600N08MC